

**Transmittal Letter to the United States
Designated/Elected Office (DO/EO/US)
Concerning a Filing Under 35 U.S.C. §371**

Case *Bohannon's Docket Number*
NITT.0050

U.S. Application Number (if known)

S. Application Number (if known)
10/018430

International Application Number
PCT/JP99/03341

International Filing Date
June 23, 1999

Priority Date Claimed
June 23, 1999 -

Title of Invention

CENTRIFUGAL SEPARATOR AND SAMPLE PREPARATION DEVICE USING THE SEPARATOR

Applicant(s) for DO/EO/US

Kazunori ÔKANO, Katsuji MURAKAWA, Shinichi FUKUZONO, and Yukiko IKEDA

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. §371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. §371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. §371(c)(3)).
9. ☒ An executed oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

Items 11 to 20 below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. §§1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information:

Application Number (if known) 10/018430		International Application Number PCT/JP99/03341		Attorney's Docket Number NITT.0050	
				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 C.F.R. § 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... 1,040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... 890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO. 740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) 710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) 100.00					
ENTER APPROPRIATE BASIC FEE AMOUNT				\$890.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).				0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RAT		
Total Claims	52	32	x \$18.	576.00	
Independent Claims	18	15	x \$84.	1,260.00	
Multiple Dependant Claims (if applicable)			+ 280.00		
TOTAL OF ABOVE CALCULATIONS				2,726.00	
<input type="checkbox"/> Entity claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				0.00	
SUBTOTAL				2,726.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).				\$0.00	
TOTAL NATIONAL FEE				2,726.00	
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property				\$40.00	
TOTAL FEES ENCLOSED				\$ 2,766.00	
				Amount to be Refunded:	\$
				Charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$2,766.00 to cover the national fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account Number 08-1480 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account Number 08-1480 . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Note.: Where an appropriate time limit under 37 C.F.R. § 1.94 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

JUAN CARLOS A. MARQUEZ
 Registration No. 34,072
REED SMITH HAZEL & THOMAS LLP

3110 Fairview Park Drive

Suite 1400

Falls Church, Virginia 22042

(703) 641-4200

December 20, 2001

PCT/JP99/03341

DECLARATION

I, Yoshinori Matsushima, of 1-76, 1-chome, Suehiro-cho, Ohme-shi, Tokyo, Japan, hereby declare that to the best of my knowledge and belief the following is a true translation made by me of the specification and drawings of the PCT International Application under No. PCT/JP99/03341 which was filed on June 23, 1999 in the name of HITACHI, LTD.

Dated this 4th day of December, 2001

Yoshinori Matsushima

Yoshinori Matsushima